

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A printing system, comprising:

a first set of print bar assemblies configured to transfer a first percentage of an imaging medium onto a first side of a print media, wherein the first set of print bar assemblies, when stationary, are configured to collectively span a width of the print media;

a second set of print bar assemblies configured to transfer a second percentage of the imaging medium onto the first side of the print media; and

the print media being advanced such that the second percentage of the imaging medium is transferred onto the first side of the print media after the first percentage of the imaging medium is transferred onto the first side of the print media; and

at least one other set of print bar assemblies, an individual set of print bar assemblies configured to transfer a percentage of the imaging medium corresponding to the number of print bar assembly sets.

2. (original) A printing system as recited in claim 1, wherein the first set of print bar assemblies transfers a first half of the imaging medium to form a first portion of a printed image on the print media, and wherein the second set of print bar assemblies transfers a second half of the imaging medium to form a second portion of the printed image.

3. (Canceled)

4. (Canceled)

5. (original) A printing system as recited in claim 1, further comprising a first heater configured to dry the first percentage of the imaging medium and a second heater configured to dry the second percentage of the imaging medium.

6. (original) A printing system as recited in claim 1, further comprising a first heater configured to remove moisture from the first percentage of the imaging medium and a second heater configured to remove moisture from the second percentage of the imaging medium.

7. (original) A printing system as recited in claim 1, further comprising a first heater configured to dry the first percentage of the imaging medium and a second heater configured to dry the second percentage of the imaging medium, the first percentage of the imaging medium dried with the first heater before the second percentage of the imaging medium is transferred onto the print media.

8. (Previously Presented) A printing system as recited in claim 1, further comprising:
multiple heaters configured to dry the imaging medium, an individual heater corresponding to an individual set of print bar assemblies to dry the percentage of the imaging medium transferred onto the print media by the individual set of print bar assemblies.

9. (Canceled)

10. (original) A printing system as recited in claim 1, further comprising a first heater configured to dry the first percentage of the imaging medium and a second heater configured to dry the second percentage of the imaging medium, the first heater and the second heater positioned under the print media.

11. (Canceled)

12. (original) A printing system as recited in claim 1, further comprising a first heater system configured to dry the first percentage of the imaging medium and a second heater system configured to dry the second percentage of the imaging medium, the first heater system and the second heater system each including a component positioned to envelop a portion of the print media.

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Previously Presented) A printing system comprising:

print units configured to transfer imaging medium onto a same side of a medium, wherein the print units include:

a first print unit configured to transfer a first colored chromatic imaging medium and a second color chromatic imaging medium to the medium; and

a second print unit configured to transfer the same first colored chromatic imaging medium and the same second color chromatic imaging medium to the medium; and

a heater configured to remove moisture from the imaging medium as the medium passes between the print units, wherein at least one of the print units is configured to transfer fixer to the medium.

17-21. (Canceled)

22. (Canceled)

23. (Canceled)

24-25. (Canceled)

26. (Previously Presented) A method, comprising:

transferring a first percentage of an imaging medium onto a first side of a print media to form a first portion of a printed image with one or more print bar assemblies of a first print unit;

transferring a second percentage of the imaging medium onto the first side of the print media to form a second portion of the printed image with one or more print bar assemblies of a second print unit; and

advancing the print media such that the second percentage of the imaging medium is transferred onto the print media after the first percentage of the imaging medium has been transferred onto the print media, wherein the percentages of the imaging medium transferred onto the print media with the one or more print bar assemblies of the print units correspond to the number of print units.

27. (Canceled)

28. (original) A method as recited in claim 26, further comprising transferring at least one more percentage of the imaging medium onto the print media to form at least one other portion of the printed image with one or more print bar assemblies of at least one other print unit.

29. (original) A method as recited in claim 26, further comprising transferring at least one more percentage of the imaging medium onto the print media to form at least one other portion of the printed image with one or more print bar assemblies of at least one other print unit, a percentage of the imaging medium transferred onto the print media by a print unit corresponding to the number of print units.

30. (original) A method as recited in claim 29, further comprising drying the imaging medium with multiple heaters, an individual heater corresponding to an individual print unit to dry the percentage of the imaging medium transferred onto the print media by the one or more print bar assemblies of the individual print unit.

31. (original) A method as recited in claim 29, further comprising removing moisture from the print media with multiple heaters, an individual heater corresponding to an individual print unit to dry the percentage of the imaging medium transferred onto the print media by the one or more print bar assemblies of the individual print unit.

32. (original) A method as recited in claim 26, further comprising drying the first percentage of the imaging medium with a first heater, and drying the second percentage of the imaging medium with a second heater.

33. (original) A method as recited in claim 26, further comprising removing moisture from the first percentage of the imaging medium with a first heater, and removing moisture from the second percentage of the imaging medium with a second heater.

34. (original) A method as recited in claim 26, further comprising drying the first percentage of the imaging medium with a first heater, and drying the second percentage of the imaging medium with a second heater, the first percentage of the imaging medium dried with the first heater before transferring the second percentage of the imaging medium onto the print media.

35. (Canceled)

36. (original) A method as recited in claim 26, further comprising drying the first percentage of the imaging medium with a first heater, and drying the second percentage of the imaging medium with a second heater, the first heater and the second heater positioned under the print media.

37. (original) A method as recited in claim 26, further comprising drying the first percentage of the imaging medium with a first heater, and drying the second percentage of the imaging medium with a second heater, the first heater and the second heater each positioned to envelop a portion of the print media.

38. (original) A method as recited in claim 26, further comprising drying the first percentage of the imaging medium with a first heater system, and drying the second percentage of the imaging medium with a second heater system, a component of the first heater system and a component of the second heater system each positioned to envelop a portion of the print media.

39. (Canceled)

40. (Canceled)

41. (Canceled)

42. (Canceled)

43. (Canceled)

44. (Canceled)

45. (Canceled)

46. (Canceled)

47. (Canceled)

48. (Canceled).

49. (Canceled)

50. (Canceled)

51. (Canceled)

52. (Previously Presented) The printing system as recited in claim 1, wherein the imaging medium of the first set of print bar assemblies includes a cyan color and wherein the imaging medium of the second set of print bar assemblies includes the cyan color.

53. (Previously Presented) The printing system as recited in claim 1, wherein the imaging medium of the first set of print bar assemblies includes a magenta color and wherein the imaging medium of the second set of print bar assemblies includes the magenta color.

54. (Previously Presented) The printing system as recited in claim 1, wherein the imaging medium of the first set of print bar assemblies includes a yellow color and wherein the imaging medium of the second set of print bar assemblies includes the yellow color.

55. (Previously Presented) The printing system as recited in claim 1, wherein the imaging medium of the first set of print bar assemblies includes cyan, magenta and yellow colors and wherein the imaging medium of the second set of print bar assemblies includes the cyan, magenta and yellow colors.

56. (Previously Presented) The printing system as recited in claim 1, wherein the imaging medium of the first set includes a black ink and wherein the imaging medium of the second set includes the identical black ink

57. (Previously Presented) The printing system as recited in claim 1, wherein the first set of print bar assemblies and the second set of print bar assemblies are configured to transfer same colored chromatic imaging medium to the medium.

58. (Previously Presented) The printing system as recited in claim 57, wherein the same color chromatic imaging mediums have different densities.

59. (Previously Presented) The printing system as recited in claim 1, wherein the first set of print bar assemblies includes a first print bar and a second print bar, the second print bar located downstream from the first print bar in a media feed direction.

60. (Previously Presented) The printing system of claim 1, wherein at least one of the first set of print bar assemblies and the second set of print bar assemblies is configured to transfer fixer to the medium.

61. (Canceled)

62. (Previously Presented) The printing system as recited in claim 1, wherein the first set of print bar assemblies includes print heads extending along three axes substantially perpendicular to a direction in which the print media is advanced.

63. (Currently Amended) The printing system as recited in claim 1, wherein the first set of print bar assemblies comprises:

a plurality of print modules, wherein each of the plurality of print modules includes a plurality of print heads and wherein each print module includes a body connecting the plurality of print heads as a single module; and

a framework supporting and aligning the plurality of print modules such that the plurality of print modules are connected as a single assembly.

64. (Canceled)

65. (Canceled)

66. (Currently Amended) The printing system as recited in claim 63 64, wherein the plurality of print heads overlap in the direction in which the print media is advanced

67. (Previously Presented) The printing system as recited in claim 1, wherein the imaging medium transferred by the first set of print bar assemblies is a chromatic color, wherein the imaging medium transferred by the second set of print bar assemblies is the same chromatic color and wherein the first print bar assembly and the second print bar assembly transfer substantially the same percentages of the imaging medium onto the print media, the percentages corresponding to a number of print bar assemblies sets in the printing system.

68. (Previously Presented) The method of claim 26, wherein a total amount of the imaging medium is transferred onto the first side of the print media using a total number N of print units and wherein each print unit transfers a percentage of the imaging medium substantially equal to $100\%/N$.

69. (Currently Amended) A printing system, comprising:

a first set of print bar assemblies configured to transfer a first percentage of ~~an~~ a first color of imaging medium onto a first side of a print media, wherein the first set of print bar assemblies, when stationary, are configured to collectively span a width of the print media and wherein each of the print bar assemblies of the first set transferred the first color of imaging medium;

a second set of print bar assemblies configured to transfer a second percentage of the first color of imaging medium onto the first side of the print media, wherein the second set of print bar assemblies, when stationary, are configured to collectively span the width of the print media and wherein each of the print bar assemblies of the second set transfers the first color of imaging medium;

a third set of print bar assemblies configured to transfer a second color of imaging medium different than the first color onto the first side of the print media, wherein the third set of print bar assemblies, when stationary, are configured to collectively span the width of the print media, wherein the third set of print bar assemblies extends between the first set of print bar assemblies and the second set of print bar assemblies, and wherein each of the print bar assemblies of the third set transfer the second color of imaging medium; and

the print media being advanced such that the second percentage of the imaging medium is transferred onto the first side of the print media after the first percentage of the imaging medium is transferred onto the first side of the print media, wherein the first set of print bar assemblies comprises:

a plurality of print modules; and

a framework supporting and aligning the plurality of print modules such that the plurality of print modules are connected as a single assembly.

70. (Previously Presented) A printing system, comprising:

a first set of print bar assemblies configured to transfer a first percentage of an imaging medium onto a first side of a print media, wherein the first set of print bar assemblies, when stationary, are configured to collectively span a width of the print media;

a second set of print bar assemblies configured to transfer a second percentage of the imaging medium onto the first side of the print media; and

the print media being advanced such that the second percentage of the imaging medium is transferred onto the first side of the print media after the first percentage of the imaging medium is transferred onto the first side of the print media, wherein the imaging medium transferred by the first set of print bar assemblies is a chromatic color, wherein the imaging medium transferred by the second set

of print bar assemblies is the same chromatic color and wherein the first print bar assembly and the second print bar assembly transfer substantially the same percentages of the imaging medium onto the print media, the percentages corresponding to a number of print bar assemblies sets in the printing system.